Global Hawk #872 02/21/13 - 02/22/13

Aircraft: Global Hawk - AFRC #872 (See full schedule)
Flight Number: 872-0108
Payload Configuration: ATTREX - TN872 2013 configuration
Nav Data Collected: No
Archive Data: 20130221 (14 archive (plain-text) files)
Total Flight Time: 24.6 hours
Submitted by: Chris Naftel on 02/26/13
Flight Segments:

From:	EAFB	**To:**	EAFB
Start:	02/21/13 14:47 Z	**Finish:**	02/22/13 15:24 Z
Flight Time:	24.6 hours		
Log Number:	13H003	**PI:**	Eric Jensen
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	The aircraft and payloads operated nominally during the flight. The previous ATTREX flight reached -10 Deg Lat and this flight went even further south to -13 deg Lat.		

Flight Hour Summary:

	13H003
Flight Hours Approved in SOFRS	208
Total Used	152.9
Total Remaining	55.1

13H003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
01/19/13	872-0104	Check	6.5	6.5	201.5	
02/05/13 - 02/06/13	872-0105	Science	24.5	31	177	
02/09/13 - 02/10/13	872-0106	Science	24.3	55.3	152.7	
02/14/13 - 02/15/13	872-0107	Science	24.5	79.8	128.2	
02/21/13 - 02/22/13	872-0108	Science	24.6	104.4	103.6	
02/26/13 - 02/27/13	872-0109	Science	24.4	128.8	79.2	
03/01/13 - 03/02/13	872-0110	Science	24.1	152.9	55.1	

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

Related Science Report:

ATTREX - Global Hawk #872 02/21/13 - 02/22/13 Science Report

Mission: ATTREX
Mission Summary:

This flight provided a survey of TTL composition in the eastern Pacific. As shown in the figures below, the flight plan took the aircraft southeast to 100 W and then due south to about 12.5 S. The flight included 24 profiles

through the TTL, with multiple GWAS samples on each of the ascents. Clouds were sampled in the upper TTL near 5 N. Sharp structures we're apparent in the water vapor concentration near the tropopause, and filaments of midlatitude lower stratospheric air were sampled in the tropics.

File:
ATTREX_SciRpt_022113.pdf
Submitted by: Erin Czech on 02/25/13

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Page Editor: Brad Bulger

NASA Official: Marilyn Vasques
